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LUBRICATION: PUBLICATIONS BY STAFF  
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Articles appearing in publications other than those of the Bureau are also listed. These articles are usually available in the large technical libraries, or photostat copies may be purchased for a nominal fee from the United Engineering Societies Library, 29 West 39th Street, New York City, The Carnegie Library, Pittsburgh, Pa., or some other large technical library that carries on photostat service.

Where articles appear in both outside and Bureau publications, the Bureau publication is given first.

Reference numbers are assigned to facilitate the use of a subject index at the end of this Letter Circular.

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- 1      S153    OP    Action of sunlight and air upon some lubricating oils. C. E. Waters. Bul. BS, 7, 227 (1910).
- 2      S160    OP    Behavior of high boiling mineral oils on heating in air. C. E. Waters. Bul. BS, 7, 365 (1910).
- 3      T4      OP    Resistance, inductance and capacity of eccentric cylinders. (Electrical measurement of oil film thickness.) M. D. Hersey. Elect. World, 56, 434 (1910).
- 4      T4      OP    Effect of added fatty and other oils upon carbonization of mineral lubricating oils. C. E. Waters. Tech. Pap. BS, T4 (1911).
- 5      T13     OP    Evaporation test for mineral lubricating and transformer oils. C. E. Waters. Tech. Pap. BS, T13 (1911).

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6	C45	OP	Testing of materials; lubricating oils and greases. Cir. BS, C45, 68 (1913).
7	T37	OP	Iodine number of linseed and petroleum oils. W. H. Smith and J. B. Tuttle. Tech. Pap. BS, T37 (1914).
8			Laws of lubrication of horizontal journal bearings (experimental). M. D. Hersey. Jour. Wash. Acad. Sci., <u>4</u> , 543 (1914).
9			On the laws of lubrication of journal bearings (mathematical). M. D. Hersey. Trans. Am. Soc. Mech. Engrs., <u>37</u> , 167 (1915).
10			Notes on the theory of efflux viscosimeters. E. Buckingham. Jour. Wash. Acad. Sci., <u>6</u> , 154 (1916).
11			Theory of the torsion and rolling ball viscosimeters, and their use in determining the effect of pressure on viscosity. M. D. Hersey. J. Wash. Acad. Sci., <u>6</u> , 525 (1916).
12	T73	OP	Data on oxidation of automobile cylinder oils. C. E. Waters. Tech. Pap. BS, T73 (1916).
13	S273	OP	An investigation of the laws of plastic flow. E. C. Bingham. Bul. BS, <u>13</u> , 309 (1916).
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15	C59	OP	U. S. Standard Baumé hydrometer scales. Cir. BS, C59 (1916).
16	M15	OP	Some technical methods of testing miscellaneous supplies; <u>lubricating oils</u> . P. H. Walker. Misc. Pub. BS, 57 (1916).
17			Quantitative test for resistance of lubricating oils to emulsification. W. H. Herschel. Proc. Am. Soc. Test. Mat'l's, <u>16</u> (2), 243 (1916); Power, 485 (April 4, 1916).
18			Testing of lubricating oils. W. H. Herschel. Oildom, <u>6</u> , 590 (Dec. 1916).
19			The testing and standardization of lubricating oils. W. H. Herschel. Oil, Paint, and Drug Reporter, <u>91</u> , 14 (Feb. 9, 1917).

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20	T86	OP	Resistance of an oil to emulsification. W. H. Herschel. Tech. Pap. BS, T86 (1917).
21	S298	OP	Standard substances for the calibration of viscometers. E. C. Bingham and R. F. Jackson. Bul. BS, <u>14</u> , 59 (1917).
22	T100	OP	Determination of absolute viscosity by short tube viscosimeters. W. H. Herschel. Tech. Pap. BS, T100 (1917).
23			Determination of absolute viscosity by the Saybolt Universal and Engler viscosimeters. W. H. Herschel. Proc. Am. Soc. Test. Mat'l's, <u>17</u> (2), 551 (1917).
24			The Standard Saybolt Universal viscosimeter. W. H. Herschel. Proc. Am. Soc. Test. Mat'l's, <u>18</u> (2), 363 (1918).
25	T109	OP	Conservation of tin in bronzes, bearing metals and solders. G. K. Burgess and R. W. Woodward. Tech. Pap. BS, T109 (1919); Trans. Am. Inst. Min. Met. Eng. <u>60</u> , 162 (1919).
26	T112	OP	Standardization of the Saybolt Universal viscometer. W. H. Herschel. Tech. Pap. BS, T112 (1919).
27	T125	OP	Viscosity of gasoline. W. H. Herschel. Tech. Pap. BS, T125 (1919).
28			A viscosimeter for gasoline. W. H. Herschel. Proc. Am. Soc. Test. Mat'l's, <u>19</u> (2), 676 (1919).
29	T164	OP	Saybolt viscosity of blends. W. H. Herschel. Tech. Pap. BS, T164 (1920).
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31	T177	OP	Sulphur in petroleum oils. C. E. Waters. Tech. Pap. BS, T177 (1920).
32	C99	OP	Carbonization of lubricating oils. C. E. Waters. Cir. BS, C99 (1920).
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34			The Saybolt viscosity of oil blends. W. H. Herschel. Chem. & Met. Eng., <u>22</u> , 1109 (1920).

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